

11-15-2005



State of California – Health and Human Services Agency
Department of Health Services
Division of Drinking Water and Environmental Management



ARNOLD SCHWARZENEGGER
Governor

NOVEMBER 2005

REQUESTS FOR PRE-APPLICATIONS

To Develop Project Priority Lists for Funding

For

Water Security, Safe Drinking Water, and Contaminant Removal Grants

Funded By:

Proposition 50, the Water Security, Clean Drinking Water, Coastal and
Beach Protection Act of 2002

In Cooperation with
California Department of Water Resources

Pre-applications Due on or before 5:00 PM, January 31, 2006

An electronic version is available of these forms and instructions. Please check the
Department of Health Services website for instructions on obtaining a copy.

<http://www.dhs.ca.gov/prop50>

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Prop 50 Pre-Application Instructions

Please read and follow these instructions carefully to ensure that your pre-application is acceptable.

INTRODUCTION

The California Department of Health Services (DHS) is administering nine new grant programs with funding from Proposition 50, the Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002, (Water Code §79500, et seq.). Approximately \$430 million is available to public water systems through these grant programs. The funds will be distributed over four years, and pre-applications will be solicited annually for four years beginning in 2004. Table 1 is a list of the grant programs, eligible applicants, and funding available. Refer to Attachment A on page 38 for a complete list of grant programs, project eligibility requirements, ranking criteria, and available funding.

Table 1
DHS Prop 50 Grant Programs

| SECTION | GRANT PROGRAM | ELIGIBLE APPLICANTS | FUNDING AVAILABLE |
|--|---|--|-------------------|
| Construction Projects | | | |
| 3 | Water Security | Public water systems | \$ 47 million |
| 4a.1 | Small Community Water System Facilities | Small community water systems ¹ | \$ 28 million |
| 4a.3 | Community Water System Monitoring Facilities | Community water systems | \$ 9 million |
| 4a.4 | Drinking Water Source Protection | Public water systems | \$ 11 million |
| 4a.5 | Disinfection Byproduct Treatment Facilities | Public water systems | \$ 10 million |
| 4b | Southern California Projects to Reduce Demand on Colorado River | Public water systems serving Southern California counties ² | \$237 million |
| 6c | UV and Ozone Disinfection | Public water systems | \$ 22 million |
| Demonstration Projects and Pilot Studies | | | |
| 4a.2 | Contaminant Treatment and Removal | Public water systems | \$ 9 million |
| 6b | Contaminant Removal | Public water systems | \$ 22 million |
| Notes: 1. Community water systems serving $\leq 1,000$ service connections or $\leq 3,300$ population 2. Water systems with service area entirely or partly within San Diego, Imperial, Riverside, Orange, Los Angeles, San Bernardino, Santa Barbara, or Ventura counties. | | | |

**If you need assistance in completing these forms please contact the
DHS District office for your area**

(a map of district offices is included as Attachment B).

DHS will be holding a public workshop in Sacramento in December 2005 and another in Los Angeles in January 2006. The purpose of these workshops is to describe the Prop 50 grant program criteria and to explain procedures for completing pre-application forms.

Refer to the Prop 50 website for the dates and locations of public workshops.

ELIGIBLE APPLICANTS

Eligible applicants for DHS Prop 50 grant programs are public water systems regulated by DHS or by a county that has been delegated primacy by DHS. Individual well owners, state small water systems, or other water systems not designated as public water systems are not eligible to apply.

*Note: For Grant Program 6b (Contaminant Removal Studies) **only**, public entities are also eligible to apply. These entities include state and local government agencies, public districts, public universities, etc.*

Other entities such as non-profit groups, research foundations, private universities, or private companies, are not eligible applicants under any DHS Prop 50 grant program. These types of entities may partner with an eligible applicant by providing matching funds or by acting as a contractor or consultant to the applicant.

ELIGIBLE PROJECTS

Read each grant program description carefully to determine whether your proposed project is eligible for funding. You may apply for funds from more than one grant program, but a project may receive funds from only one Prop 50 grant program. Note: projects eligible under Grant Program 4b (Southern California Projects) are not eligible under any Chapter 4a grant programs.

Refer to Attachment A for a complete list of grant programs, project eligibility requirements, ranking criteria, and available funding.

ELIGIBLE EXPENSES

All expenses will be reviewed by DHS to determine eligibility. Eligible preliminary costs incurred after March 5, 2005, may be reimbursed with grant funds. Eligible construction costs incurred after the applicant receives a letter of commitment from DHS, may be reimbursed with grant funds. Payment will occur only after the funding agreement is executed. Eligible costs incurred after October 28, 2003 may be used as matching funds.

APPLICATION PROCESS

The application process is divided into two primary phases. Phase 1, the Pre-Application, is used to develop a Project Priority List (PPL) for each grant program. In Phase 2, the available funding is compared to the PPL to determine the projects to be invited to submit full applications. Invitations are sent to applicants in priority order from the PPL until the amount of funding available in a fiscal year has been allocated. Applicants invited to submit full applications are assured of receiving funding for eligible expenses if all requirements and deadlines are met, subject to the availability of Prop 50 funding.

The Pre-Application is intended to be a relatively brief document, providing sufficient information for reviewers to determine if the project is submitted for the correct grant program, to determine if the project is eligible for funding, and to categorize and rank the projects for the PPL. Each pre-application consists of Part 1 (standard information for all grant programs), Part 2 (information specific to each grant program), and attachments. Each pre-application is limited to a specified number of pages. It is not necessary to use all the allowable pages for a pre-application. You are encouraged to use fewer pages if you are able to accurately provide all the required information. Pages in excess of the page limit will not be reviewed.

Phase 2, for those invited to apply, is the submission of a full application package. This package consists of standard forms, detailed technical information, financial documentation, and environmental documentation. Invited applicants will have sufficient time to prepare and compile this information. Projects must be initiated within one year of funding agreement execution and must be completed within three years of funding agreement execution.

PRE-APPLICATION SUBMITTAL

Pre-Application Contents

Each pre-application for funding must include the following components:

- Part 1 Standard information for all projects
 (includes Proposed Project Budget, refer to Attachment C for an example)
- Part 2 Information specific to each grant program
- Attachments (optional) Other information specific to each grant program
 (see Table 2 and each grant program description)

Attachment Format

All attachments are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.

Pre-Application Submission

Submission of electronic copies of applications is highly encouraged!

Refer to the DHS website for instructions on obtaining a copy of the Prop 50 forms computer program:

<http://www.dhs.ca.gov/prop50>

If you need assistance in preparing an electronic copy please contact the local DHS district office.
All submitted pre-applications are public information. Any information intended to be submitted in confidence should be clearly marked "Confidential."

E-mail Submission Procedures

1. Complete Part 1 and Part 2 in DHS-provided Prop 50 computer program.
2. Create an export file (.tab file) in the program.
3. Prepare attachments (as needed) in a word processing program or in Adobe Acrobat (*.pdf) format.
4. Attach the export file and any other attachments to an e-mail message.
5. Send the e-mail message to dwemcomm@dhs.ca.gov.

Mail or Hand Delivery Submission Procedures

1. It is recommended that you use the electronic submittal procedures.
2. If electronic submittal is not feasible, contact DHS to request paper forms (916-449-5600).
3. Submit one original of the entire package (with original signature) by mail, courier, or hand delivery to the address listed below.

| | |
|--|---|
| <i>Address for mail delivery:</i> California Department of Health Services Drinking Water & Environmental Management MS 7416 P. O. Box 997413 Sacramento, CA 95899-7413 | <i>Address for hand or courier delivery:</i> California Department of Health Services Drinking Water & Environmental Management 1616 Capitol Avenue, 2 nd Floor Sacramento, CA 95814 |
|--|---|

Pre-Application Deadline

All pre-applications must be received on or before 5:00 PM on January 31, 2006.

Applications submitted by mail must be postmarked on or before the deadline.

Table 2
Pre-Application Attachments and Page Limits

| SECTION | GRANT PROGRAM | ATTACHMENTS | PAGE LIMIT |
|---------|---|---|------------|
| | Pre-Application Part 1 | 1. Additional co-applicants (if applicable, included in page limits) | --- |
| 3 | Water Security | 1. Proposed Project Budget (Required). <i>Included in electronic submittal, no separate submittal required.</i> 2. Description of emergency interties (if applicable) 3. Description of multiple water system benefits (if applicable) 4. Additional detail for Project Description (if needed) | 7 |
| 4a.1 | Small Community Water System Facilities | 1. Proposed Project Budget (Required). <i>Included in electronic submittal, no separate submittal required.</i> 2. Additional detail for Problem Description (if needed) 3. Additional detail for Project Description (if needed) | 6 |
| 4a.2 | Contaminant Treatment and Removal | 1. Proposed Project Budget (Required). <i>Included in electronic submittal, no separate submittal required.</i> 2. Additional detail for Problem Description (if needed) 3. Additional detail for Project Description (if needed) | 10 |
| 4a.3 | Community Water System Monitoring Facilities | 1. Proposed Project Budget (Required). <i>Included in electronic submittal, no separate submittal required.</i> 2. Additional detail for Problem Description (if needed) 3. Additional detail for Project Description (if needed) | 6 |
| 4a.4 | Drinking Water Source Protection | 1. Proposed Project Budget (Required). <i>Included in electronic submittal, no separate submittal required.</i> 2. Additional detail for Problem Description (if needed) 3. Additional detail for Project Description (if needed) 4. Detail for additional information (if needed) | 10 |
| 4a.5 | Disinfection Byproduct Treatment Facilities | 1. Proposed Project Budget (Required) <i>Included in electronic submittal, no separate submittal required.</i> 2. Table 1 for reporting DBP concentrations and calculating theoretical cancer risk. (Required) <i>Included in electronic submittal, no separate submittal required.</i> 3. Additional detail for Problem Description (if needed) 4. Description of any special circumstances, procedures, or results (if needed) 5. Additional detail for Project Description (if needed) | 9 |
| 4b | Southern California Projects to Reduce Demand on Colorado River | 1. Proposed Project Budget (Required) <i>Included in electronic submittal, no separate submittal required.</i> 2. For regional projects, attach a list of participating water systems (if needed) 3. Additional detail for Problem Description (if needed) 4. Additional detail for Project Description (if needed) | 8 |
| 6b | Contaminant Removal | 1. Proposed Project Budget (Required) <i>Included in electronic submittal, no separate submittal required.</i> 2. Additional detail for Problem Description (if needed) 3. Additional detail for Project Description (if needed) | 10 |
| 6c | UV and Ozone Disinfection | 1. Proposed Project Budget (Required) <i>Included in electronic submittal, no separate submittal required.</i> 2. Additional detail for Problem Description (if needed) 3. Additional detail for Project Description (if needed) | 8 |

DEFINITIONS

1. “Community water system” is defined pursuant to Health and Safety (H&S) Code Section 116275(i) as a public water system that serves at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents of the area served by the water system.
2. “Disadvantaged community” means a community with an annual household income that is less than 80 percent of the statewide annual median household income.
3. “Matching funds” means funds made available by non-state sources, which may include, but are not limited to, donated services from non-state sources. Matching funds for state agencies may include state funds and services.
4. “Noncommunity water system” is defined pursuant to H&S Code Section 116275(j) as a public water system that is not a community water system.
5. “Nontransient noncommunity water system” is defined pursuant to H&S Code Section 116275(k) as a public water system that is not a community water system and that regularly serves at least 25 of the same persons over 6 months per year.
6. “Public water system” is defined pursuant to H&S Code Section 116275(h) as a system for the provision of water that has 15 or more service connections or regularly serves at least 25 individuals at least 60 days out of the year.
7. “Small water system” is defined as a public water system serving less than or equal to 1,000 service connections or less than or equal to 3,300 population.
8. Local Primacy Agency (LPA) is defined pursuant to H&S Code Section 116275(r) as any local health officer that has applied for and received primacy delegation from DHS pursuant to H&S Code Section 116330.

**Instructions for Pre-Application
Part 1**

PRE-APPLICATION PART 1 INSTRUCTIONS

Each pre-application must include Part 1 in the submittal package. Part 1 is the same for all grant programs.

A. Project Title

Assign a unique project title for each application submitted by a public water system. This title will be used on project priority lists and other public documents. The title should indicate the type of project, and may be no longer than 10 words. Examples of project titles include “Big Reservoir Treatment Plant Monitoring and Alarms” or “Well 1 and 2 Arsenic Treatment Demonstration Study.”

B. Applicant Water System

One public water system must be designated as the applicant. This entity will be evaluated for disadvantaged community status, water system population, and any other criteria used in the ranking process.

*Note: For Grant Program 6b **only**, a public entity that is not a public water system may be designated as the applicant*

If this is a consolidation project, the applicant should be the system with the problem to be addressed by the consolidation. For consolidation projects, or projects with multiple applicants, the co-applicants are listed in Section G of Part 1 of the pre-application.

1. DHS Public Water System ID No.

This is the seven-digit public water system number assigned to the water system by DHS or the county. Water systems may have similar or identical names, and the identification number provides a unique identifier for each public water system. The number should be on the domestic water supply permit for the water system. For assistance, contact your regulating agency (DHS district office or county.)

*Note: For Grant Program 6b **only**, public entities that are not public water systems must contact DHS to obtain an applicant identification number to be used in this field. These entities must contact Karen Verdina at KVerdina@dhs.ca.gov or 916-449-5156.*

2. DHS Public Water System Name

Provide the name of the water system according to DHS records. This is the water system name that appears on the domestic water supply permit, and may be different than the legal name of the applicant. For assistance, contact your regulating agency (DHS district office or county.)

*Note: For Grant Program 6b **only**, public entities that are not public water systems should use the public entity name reported to DHS.*

3. Legal Name of Applicant

Provide the legal name of the entity applying for the grant.

4. County (counties) where service provided

List all counties in which the water system provides service to customers.

*Note: For Grant Program 6b **only**, public entities that are not public water systems should list the counties where the project is located .*

5. Number of service connections

Enter the number of active service connections for the applicant water system.

*Note: For Grant Program 6b **only**, this field is not applicable to public entities that are not public water systems.*

6. Population served

Enter the total estimated population served by the water system.

*Note: For Grant Program 6b **only**, this field is not applicable to public entities that are not public water systems.*

7. Regulating Entity

Enter the name of the DHS district or County that regulates your water system. The regulating entity is the district or county that conducts inspections of your water system and to whom you may pay fees.

*Note: For Grant Program 6b **only**, this field is not applicable to public entities that are not public water systems.*

8. Type of public water system

Specify the type of public water system of the applicant. Definitions for each type of system are provided on page 5. For assistance, contact your regulating agency (DHS district office or county.) The type of water system impacts grant eligibility. Some grant programs are limited to community water systems.

*Note: For Grant Program 6b **only**, this field is not applicable to public entities that are not public water systems.*

9. Water System Ownership

Specify the type of ownership for the water system. Any water system not owned by a public entity (city, county, state, water district, county service area, etc.) are considered to be in private ownership, including mutual water companies. For systems in private ownership, indicate whether the water system is regulated by the California Public Utilities Commission (CPUC).

*Note: For Grant Program 6b **only**, this field is not applicable to public entities that are not public water systems.*

C. Applicant Contact

Each applicant must designate a person that DHS may contact regarding this pre-application. All correspondence regarding this pre-application will be sent to the designated contact.

1. Name

Enter the name of the designated contact person for this pre-application.

2. Title and/or Company Name

Enter the title and/or the company name (if different than the applicant name) of the designated contact person for this pre-application.

3. Mailing Address

Enter the mailing address, city, state, and zip code of the designated contact person.

4. Street Address

Enter the street address, city, state, and zip code of the designated contact person if this address differs from the mailing address.

5. Phone Number

Enter the phone number for the designated contact person.

6. Fax Number

Enter the fax number for the designated contact person if a fax machine is available.

7. E-mail Address

Enter the e-mail address for the designated contact person if an e-mail address is available.

8. Date

Enter the date that the pre-application is submitted by the applicant.

9. Signature

An original signature is not required for pre-applications submitted electronically.

D. Disadvantaged Communities

Reserved funding is available for projects that benefit disadvantaged communities, and no matching funds are required for these grants. A disadvantaged community is a community with an annual household income that is less than 80 percent of the statewide annual median household income (MHI). The statewide MHI is calculated annually and is currently \$52,417 (2004).

In order to be eligible for funds set aside for disadvantaged communities, an applicant must be:

- (a) A public water system whose entire service area meets the definition of a disadvantaged community, OR
- (b) A public water system applying for a project to physically connect and incorporate by consolidation a separate existing public water system whose entire service area meets the definition of a disadvantaged community, OR
- (c) A public water system applying on behalf of a community that is part of the public water system's service area, where each census tract in that part of the service area and identified in the project meets the definition of a disadvantaged community.

In order to be eligible for funds set aside for disadvantaged communities, the project must benefit only the disadvantaged community identified in the application.

If you believe that the proposed project will serve one or more disadvantaged communities as specified above, check the box in this section. Contrary to the instructions in the computer program, **DO NOT** attach a list of the census tracts in the project service area.

E. Other Information

1. Anticipated start date of project

Enter the month and year of the anticipated start of project construction (or start of study or demonstration project) if a Prop 50 grant were awarded to the applicant.

2. CALFED Bay-Delta

DO NOT respond to this question. If your project is invited to submit a full application, you will be instructed to provide information to determine if the project may impact the CALFED Bay-Delta program.

3. Planning Document for Water Demand

Indicate if the applicant has a 20-year planning document for water demand. Eligible project costs are limited to facilities sized to serve no more than the 20-year demand projected in an Urban Water Management Plan or the 20-year demand projected in a comparable public water system planning document. If an applicant does not have an Urban Water Management Plan or comparable

document, the eligible project costs are limited to facilities sized to serve no more than ten percent above existing water demand at peak flow.

4. Conformance with Water Demand Planning Document

Indicated if the project is in conformance with the planning document described in Question 3.

5. Multiple Public Water System Applicants

Indicate if this project includes multiple public water systems as applicants. The maximum grant for a project submitted by multiple applicants is the same as for a single applicant, with the exception of grant program 4b (Southern California Projects to Reduce Demand on Colorado River). If this project includes multiple applicants, specify the other participating water system(s) in Section G.

6. Labor Code Compliance

Indicate understanding of labor code compliance requirements. SB 278 (Machado, Chapter 892, Statutes of 2002) requires that any entity awarding a contract for a public works project financed in any part with funds made available by Prop 50 to initiate and enforce a labor compliance program. For more information on this topic, refer to the California Department of Industrial Relations website (<http://www.dir.ca.gov/lcp.asp>).

F. Co-Applicant Water System(s) (if applicable)

If there are any public water systems that are co-applicants on this project, list them in this section. If there are more than 2 co-applicants, list them in an attachment to the pre-application (this attachment will count towards the page limit). Refer to the instructions in Section B for legal name, DHS public water system name, and DHS public water system identification number.

G. Funding Program

Each pre-application must specify the funding program for which the applicant is applying. Refer to Attachment A for a complete list of grant programs, project eligibility requirements, ranking criteria, and available funding. In some cases, a project may be eligible under more than one grant program. In this case, specify the preferred grant program. After reviewing pre-applications, DHS may contact you to revise the funding program for a project if it appears that there may be an advantage to moving the project to another program. You may submit the same project under more than one grant program (if eligible), but a project can receive funds from only one Prop 50 grant program.

**Instructions for Pre-Application
Part 2**

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 3: Water Security

These funds may be used for projects designed to prevent damage to water treatment, distribution, and supply facilities, to prevent disruption of drinking water deliveries, and to protect drinking water supplies from intentional contamination. Eligible projects include monitoring and early warning systems, fencing, protective structures, contamination treatment facilities, emergency interties, and communications systems.

Grants cannot be used to supplant funding for the routine responsibilities or obligations or be used for projects previously required by a DHS compliance order, permit condition or regulation.

Maximum Grant: \$10 million

Minimum Grant: \$50,000

The pre-application package for this grant program must not exceed 7 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 7 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

2. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

3. Anticipated Source of Matching Funds

On the Proposed Project Budget form (Attachment C) identify the anticipated sources and amount of matching funds. Refer to the Attachments section for more information.

D. Population Served (for this grant program only)

Enter the **maximum daily population** served by this water system, including transient or seasonal populations. This may include maximum daily population at theme parks or public facilities.

E. Emergency Interties

Indicate the number of emergency interties that are included in this project. The project may include other components besides interties. (An eligible intertie must be capable of supplying at least 25 percent of the water demand for one of the recipient water systems or at least 10 million gallons per day.) A description of the interties must be attached to the pre-application (see attachment requirements below).

F. Multiple Water System Benefits

Indicate if this project will benefit 5 or more public water systems, in addition to the applicant. The additional systems do not have to be co-applicants for the project. A description of the multiple water system benefits must be attached to the pre-application (see attachment requirements below).

G. Project Description

Provide a concise description of the project and how it accomplishes the purpose of this grant program. Without compromising security, provide a general description of the types of facilities to be included in the project and the approximate number, size, or capacity of facilities, (*i.e.*, 900 feet of security fencing, 5 MGD treatment facility, two 10 MGD interties, alarm systems at two treatment plants, etc.). Describe the current status of the project. Describe how the project will improve water system security and/or reliability. Describe any new monitoring or early warning technologies, if applicable.

Try to fit the description into the space available. If the description does not fit into the space available, continue the description in an attachment (see attachment requirements below). Do not exceed the page limit.

Ineligible projects or components: operation and maintenance of facilities, routine responsibilities of water system, projects previously required by DHS or regulating agency.

H. Additional Information

1. Security Vulnerability Assessment

Indicate if a security vulnerability assessment has been prepared for this water system. These assessments are required only for community water systems serving a population greater than 3,300. For more information, refer to the DHS security website (<http://www.dhs.ca.gov/ps/ddwem/Homeland/default.htm>).

2. Security Vulnerability Assessment Submittal

Indicate if a security vulnerability assessment has been submitted to U.S. EPA for this water system.

3. Security Vulnerability Assessment Consistency

Indicate if the proposed project is consistent with the security vulnerability assessment if an assessment has been prepared.

I. Attachments

You are limited to **3** pages total for attachments for this pre-application, with a maximum of 7 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Description of Emergency Interties

Describe the emergency interties identified in Question E. For each intertie, specify:

- a. Name of recipient water system
- b. Capacity of intertie (gallons per day)
- c. Average Daily Water demand of recipient water system (gallons per day)

Description of multiple water system benefits

Describe how this project benefits multiple water systems as identified in Question F. Include in the description:

- a. Names of other public water systems benefiting from the project.
- b. Explanation of how the project provides benefits to multiple water systems (i.e., security measures for reservoir, treatment plant, or distribution facility serving multiple systems)

Additional detail for project description

Continue the project description as necessary for Question G in an attachment.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 4a.1: Small Community Water System Facilities

These funds may be used by small community water systems to upgrade monitoring, treatment, or distribution infrastructure (pipes, tanks, pump stations, etc.). The applicant must be in non-compliance with a safe drinking water standard. Construction of a new source (and destruction of the old source) may be eligible if this is the most cost effective solution to the compliance problem.

Maximum Grant: \$2 million

Minimum Grant: \$5,000

The pre-application package for this grant program must not exceed 6 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 6 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

D. Problem Description

Provide a concise description of the water system problem(s) that this project is intended to address. Identify the drinking water standard, regulation, or DHS directive violated. Describe the problem in sufficient detail to allow reviewers to understand and evaluate the nature of the problem. Your description may include information from an inspection report, compliance order, permit, engineering report, or study. More than one problem can be covered under one project pre-application but combining a high priority problem with a low priority problem may cause the entire project to be placed in the lower priority category.

Try to fit the description into the space available. If the description does not fit into the space available, continue the description in an attachment (see attachment requirements below). Do not exceed the page limit.

E. Project Description

Provide a concise description of the project and how it addresses the problem described in Question D. Describe in general the types of facilities to be included in the project and the approximate number, size, or capacity of proposed facilities, if known (*i.e.*, 55 gpm treatment facility, 100,000 gallon steel storage tank, 10,000 feet of 4-inch distribution system piping, etc.). Describe the current status of the project. Describe how the project will ensure compliance with drinking water standards.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

Ineligible projects or components: Operation and maintenance of facilities, other than treatment plant startup costs, land costs (other than those necessary for facility installation), house laterals, water system purchase.

F. Attachments

You are limited to **2** pages total for attachments for this pre-application, with a maximum of 6 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Additional detail for problem description

Continue the problem description as necessary for Question D in an attachment.

Additional detail for project description

Continue the project description as necessary for Question E in an attachment.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 4a.2: Demonstration Projects and Studies for Contaminant Treatment and Removal

These funds may be used by public water systems to finance development and demonstration of new treatment and related facilities for water contaminant removal and treatment. Eligible projects may include demonstration projects, pilot studies, or bench scale studies. All submitted pre-applications are public information. Any information intended to be submitted in confidence should be clearly marked “Confidential”

Projects dealing with MTBE or other oxygenates will be referred to the Drinking Water Treatment and Research Fund (DWTRF) to the extent that research funds are available from that program. For more information on the DWTRF visit the DHS website (<http://www.dhs.ca.gov/ps/ddwem/DWTRF/index.htm>).

Maximum Grant: \$2 million

Minimum Grant: \$50,000

The pre-application package for this grant program must not exceed 10 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 10 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

2. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

3. Anticipated Source of Matching Funds

Identify the anticipated sources and amount of matching funds on the Proposed Project Budget form (Attachment C). Refer to the Attachments section for more information.

D. Type of Study

Indicate the type of study proposed. For purposes of this program, the types of studies are defined as follows:

Demonstration Project: A treatment technology test, where the treatment facility is of sufficient capacity to be used as a permanent facility.

Pilot Study: An experiment or set of observations undertaken to decide how and whether to design and build a full-scale project.

Bench-scale Study: Laboratory testing of potential treatment technologies conducted under artificial conditions to evaluate the efficacy of the technology.

Demonstration projects should have been preceded by a pilot study or bench scale study. List previous studies related to this project in the project description.

E. Problem Description

Describe the problem to be addressed by the project. What is the primary contaminant or contaminants to be addressed? Which drinking water sources for this water system are impacted? At what levels does the contaminant(s) occur in the source(s)? For detected contaminants provide the following information if available: number of samples collected, frequency of sampling, range of detected concentrations, average of detected concentrations (a table may be useful for presenting this information). How do these values compare to drinking water standards, Public Health Goals (PHGs), or action levels? What is the production volume of the source(s)? Describe the problem in sufficient detail to allow reviewers to understand and evaluate the nature of the problem.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

F. Project Description

Provide a description of the proposed project or study and how it addresses the problem described in Question E. Describe the current status of the project. Explain how this treatment technology is new or different from previously approved technology. (Refer to the DHS website for a list of technologies already approved for various contaminants). Describe how the project will ensure compliance with drinking water standards. The description must include the following project elements, or describe how these elements will be addressed during the study, to the extent they are relevant to the proposed project.

- Qualifications of the applicant and project proponents to undertake the project.
- Proposed treatment methods
- Critical or controlling design and operational details
- Data collection and study protocol
- How the study will address ongoing operation and maintenance issues
- How the project involves a public purpose of statewide interest and concern
- Peer review component of the project (applicant must establish a technical advisory committee to review procedures, progress, and final report)
- Plan for public dissemination of the project results (must include submission of a report to DHS)

- How the study will address affordability and level of operational expertise required
- How the study will address handling and disposal of residuals
- Preparation of an operation and maintenance manual for demonstration projects
- List of previous studies related to this project.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

G. Attachments

You are limited to **6** pages total for attachments for this pre-application, with a maximum of 10 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Additional detail for problem description

Continue the problem description as necessary for Question E in an attachment.

Additional detail for project description

Continue the project description as necessary for Question F in an attachment.

H. Intellectual Property

Indicate that the applicant understands that all intellectual property developed pursuant to this grant program, including but not limited to copyrights, patents, and licenses, shall be the property of the State of California and shall remain in the public domain.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 4a.3: Community Water System Monitoring Facilities

These funds may be used by community water systems for water quality monitoring facilities and equipment. The applicant must be in non-compliance with a safe drinking water standard.

Maximum Grant: \$2 million

Minimum Grant: \$5,000

The pre-application package for this grant program must not exceed 6 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 6 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

2. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

3. Anticipated Source of Matching Funds

On the Proposed Project Budget form (Attachment C) identify the anticipated sources and amount of matching funds. Refer to the Attachments section for more information.

D. Problem Description

Provide a concise description of the water system problem(s) that this project is intended to address. Identify the drinking water standard, regulation, or DHS directive violated. Describe the problem in sufficient detail to allow reviewers to understand and evaluate the nature of the problem. Your description may include information from an inspection report, compliance order, permit, engineering report, or study. More than one problem can be covered under one project pre-application but combining

a high priority problem with a low priority problem may cause the entire project to be placed in the lower priority category.

Try to fit the description into the space available. If the description does not fit into the space available, continue the description in an attachment (see attachment requirements below). Do not exceed the page limit.

E. Project Description

Provide a description of the project and how it addresses the problem described in Question D. Describe the types of facilities to be included in the project and the approximate number, size, or capacity of proposed facilities, if known (*i.e.*, surface water treatment monitoring facilities including four in-line turbidimeters, six chlorine residual analyzers, etc.). Describe the current status of the project. Describe how the project will ensure compliance with drinking water standards.

Try to fit the description into the space available. If the description does not fit into the space available, continue the description in an attachment (see attachment requirements below). Do not exceed the page limit.

Ineligible projects or components: operation and maintenance, facilities not necessary and integral to solve monitoring deficiencies.

F. Attachments

You are limited to **2** pages total for attachments for this pre-application, with a maximum of 6 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Additional detail for problem description

Continue the problem description as necessary for Question D in an attachment.

Additional detail for project description

Continue the project description as necessary for Question E in an attachment.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 4a.4: Drinking Water Source Protection

These funds may be used by public water systems for source water protection (SWP) projects to prevent contamination of the water supply. Eligible projects are those intended to prevent a Possible Contaminating Activity (PCA) from releasing contaminants, or to prevent contaminants that have been released from reaching the water supply.

Source Water Protection (SWP) grant funds may be used for planning, preliminary engineering, detailed design, construction, education, land acquisition, conservation easements, equipment purchase, and implementing the elements of a Source Water Protection program.

Projects that may be eligible for funding include only those that are directly associated with source water protection measures such as: destruction of abandoned wells within protection zones; fencing out cattle and other animals from intakes, tributaries or reservoir boundaries; restricting public access to critical portions of protection areas; evaluations of agricultural practices and education on best management practices; installation of signs at boundaries of zones or protection areas; public education; land acquisition; conservation easements; and structures to divert contaminated runoff from the source.

Funds may not be used to clean up contamination, construct new sources, install treatment on existing sources, or to reconstruct or modify existing sources.

Note: Obtain a copy of the source water assessment(s) for the source(s) to be addressed by this project before completing this pre-application. You will need the assessment to complete the forms. If you don't have a copy of the assessment, contact your DHS or county regulator for assistance.

Maximum Grant: \$2 million

Minimum Grant: \$50,000

The pre-application package for this grant program must not exceed 10 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 10 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

2. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

3. Anticipated Source of Matching Funds

On the Proposed Project Budget form (Attachment C) identify the anticipated sources and amount of matching funds. Refer to the Attachments section for more information.

D. Source Water Assessment

The following questions refer to drinking water source assessment conducted as part of the California Drinking Water Source Assessment and Protection (DWSAP) program. Assessments for most sources have been completed. For information on this program contact your DHS or county regulator, or go to: <http://www.dhs.ca.gov/ps/ddwem/dwsap/DWSAPindex.htm>

1. DHS Identification Number

Enter the DHS identification number for each source to be addressed in the project. The number consists of the 7-digit water system number followed by a hyphen then a 3-digit number assigned by DHS (example: 0000000-001). This number is also known as the PS-Code. Contact your DHS or county regulator if you do not know your source identification number.

2. Source Water Assessment Completed?

Indicate if the source water assessment(s) has been completed for the source(s) identified in this project. If the assessment has been completed, enter the entity that conducted the assessment. This may be the DHS field office, the county, the water system, or another entity. Also enter the date (month/year) that the assessment was completed. If you don't know if your assessment has been completed, or if you don't have a copy, contact your DHS or county regulator for assistance.

3. Zone(s) in which Project is Located

Using the source water assessment, indicate the source water assessment zone in which the project will be located. If the project will be located in more than one zone, check all that apply.

If this is a groundwater source, groundwater zones are identified in the source water assessment. If an assessment has not been completed for a groundwater source, you may use default distances for the size of zones (Zone A = 600' radius, Zone B5 = 1,000' radius, Zone B10 = 1,500' radius).

If this is a surface water source, the source water assessment will indicate if zones were established. If no surface water zones were established, or if the assessment has not been completed, check the "Watershed" box.

Describe the source water assessment zones in the project description.

E. Problem Description

Briefly describe the type of contaminant(s) to be addressed by this project, identify the Possible Contaminating Activities (PCAs) the contaminant(s) are associated with, and specify the drinking water source(s) that would be addressed by this source water protection project, based on the results of the source water assessment. Describe how this problem is documented by the source water assessment, or if it isn't documented explain why. Describe the problem in sufficient detail to allow reviewers to

understand and evaluate the nature of the problem. Describe the shape, size, and location of the source water assessment zones and the approximate location in the zones of the PCAs to be addressed by the project.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

F. Project Description

Provide a description of the project and how it addresses the problem described in Question E. Describe the types of facilities to be included in the project and the approximate number, size, or capacity of proposed facilities, if known. Describe the current status of the project.

Begin the description in the space available on the form, and continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

G. Additional Information (bonus points will be awarded based on responses to the following questions.)

1. Local Source Water Protection Task Force

Indicate if a local task force, committee, or other group already exists that can (or has) develop and implement a source water protection program. The group should include a variety of stakeholders. If a local group exists, describe in an attachment the members and activities of the group (see attachment requirements below).

2. Source Water Protection Plan

Indicate if a written plan has already been prepared that identifies source water protection measures for the source(s) addressed by this project. Equivalent documents might include a groundwater management plan or a wellhead protection plan. If a written plan exists, describe the plan in an attachment (see attachment requirements below).

3. Contaminant Released

Has the contaminant(s) to be addressed by this project been released? Is the direction of movement of the contaminant towards the source(s)? If the answer to both of these questions is yes, select “Yes” for this question. Describe the release and movement of the contaminant in the problem description (Question E) or in an attachment (see attachment requirements below).

4. Multiple Water System Participants

Indicate if this project addresses a water supply that is used by multiple public water systems that are participating in the project. For purposes of this question, “water supply” may be a reservoir, aquifer, river, or stream. If the water supply is used only by the applicant, or if no other water systems are participating in the project, select “No” for this question.

If other water systems are participating in the project, include a list of the other participants in an attachment (see attachment requirements below). Participation may include contributions such as in-kind services, consultation and review, participation in planning meetings, cash contributions, etc.

H. Attachments

You are limited to **5** pages total for attachments for this pre-application, with a maximum of 10 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Additional detail for problem description

Continue the problem description as necessary for Question E in an attachment.

Additional detail for project description

Continue the project description as necessary for Question F in an attachment.

Detail for additional information

Attach additional detail as necessary for Question G. This may include:

1. Description of existing source water protection task force
2. Description of existing source water protection plan
3. Description of contaminant released and moving towards source, if not included in problem description (Question E)
4. List of other water systems participating in the project.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 4a.5: Disinfection Byproduct Treatment Facilities

These funds may be used by public water systems for treatment facilities necessary to meet disinfection byproduct (DBP) safe drinking water standards. The applicant must be in non-compliance with the U.S. Environmental Protection Agency Stage 1 DBP Rule Maximum Contaminant Levels (MCLs) or treatment technique for total organic carbon (TOC) reduction. The project must follow all appropriate guidance for pathogen control.

Maximum Grant: \$2 million

Minimum Grant: \$50,000

The pre-application package for this grant program must not exceed 9 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 9 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

4. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

5. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

6. Anticipated Source of Matching Funds

On the Proposed Project Budget form (Attachment C) identify the anticipated sources and amount of matching funds. Refer to the Attachments section for more information.

D. Problem Description

Briefly describe the water system problem(s) that this project is intended to address. Explain how the water system is in non-compliance with the U.S. EPA Stage 1 DBP Rule MCLs or treatment technique

for TOC reduction. Describe water system disinfectant residual levels compared with the Stage 1 Maximum Residual Disinfectant Level Goals (MRDLGs) or with Maximum Contaminant Levels (MCLs) for disinfectants. Describe the problem in sufficient detail to allow reviewers to understand and evaluate the nature of the problem. For more information on the Stage 1 Rule, refer to the EPA website (<http://www.epa.gov/safewater/mbp/mbp.html#st1>) or contact your DHS or county regulator.

Begin the description in the space available on the form, and continue the description in an attachment as necessary (see attachment requirements below). Do not exceed the page limit.

E. Disinfection Byproduct Concentrations

Use your water system monitoring data to determine the average concentration of each regulated DBP in micrograms per liter ($\mu\text{g/L}$). In the determination use the following information:

- For water systems serving $<10,000$ people, all available data should be used to determine the average concentration of individual regulated DBPs.
- For those water systems serving $\geq 10,000$ people, the last five years of quarterly data should be used to determine the average concentration of individual regulated DBPs.

Report the DBP concentrations in Column D of Table 1 (included in the computer program). Enter results for each DBP in Column C, including total trihalomethanes (TTHM) and haloacetic acids (HAA5), if the information is available.

Describe any special circumstances, procedures, or results in an attachment (see attachment requirements below). Do not exceed the page limit.

F. Calculated Theoretical Cancer Risk

Calculate the theoretical cancer risk, by dividing the DBP concentrations in Column D in Table 1 by the cancer risk coefficients in Column C, and enter the results into Column E of Table 1. This is the calculated theoretical cancer risk per million people. (Note: these calculations are done in the computer program.)

Note that for TTHM, HAA5, Chloroform, Monochloroacetic Acid, Monobromoacetic Acid, Trichloroacetic Acid, Dibromoacetic Acid, and Chlorite, there is no numeric value in Column C. Therefore, Column E will have results only for Bromodichloromethane, Bromoform, Dibromochloromethane, Dichloroacetic Acid, and Bromate.

Finally, sum the theoretical cancer risk in Column E for all DBPs and report the total at the bottom of Column F.

Describe any special circumstances, procedures, or results in an attachment (see attachment requirements below). Do not exceed the page limit.

G. Project Description

Provide a description of the project and how it addresses the problem described in Question D. Describe the types of facilities to be included in the project and the approximate number, size, or capacity of proposed facilities, if known. Describe the current status of the project. Specify whether the project will address compliance with DBP MCLs or treatment technique, and describe how this will be accomplished.

Begin the description in the space available on the form, and continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

Ineligible projects or components: operation and maintenance (except for treatment plant startup costs), new sources.

H. Attachments

You are limited to **4** pages total for attachments for this pre-application, with a maximum of 9 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Table 1 for reporting DBP concentrations and calculating theoretical cancer risk. (REQUIRED)

If you are submitting electronically, Table 1 is part of the submittal and no separate submittal of Table 1 is required.

Additional detail for problem description

Continue the problem description as necessary for Question D in an attachment.

Description of any special circumstances, procedures, or results

Provide additional detail as necessary for Questions E or F or Table 1 in an attachment.

Additional detail for project description

Continue the project description as necessary for Question G in an attachment.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 4b: Southern California Projects to Reduce Demand on Colorado River

These funds may be used by public water systems for projects designed to assist the applicant in meeting drinking water standards and in meeting the state's commitment to reduce Colorado River water use to 4.4 million acre-feet (MAF) per year. Eligible projects are for southern California water agencies whose service area is entirely or partly in San Diego, Imperial, Riverside, Orange, Los Angeles, San Bernardino, Santa Barbara, or Ventura Counties.

The maximum grant for a regional project submitted by multiple applicants is \$20 million per applicant up to a maximum of \$60 million. Each applicant must be a public water system directly benefiting from the project.

Maximum Grant: \$20 million per applicant

Minimum Grant: \$50,000

The pre-application package for this grant program must not exceed 8 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 8 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

2. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

3. Anticipated Source of Matching Funds

On the Proposed Project Budget form (Attachment C) identify the anticipated sources and amount of matching funds. Refer to the Attachments section for more information.

D. Reduction in Colorado River Demand

What is the estimated annual reduction in Colorado River water demand expected as a result of the proposed project? Enter the results in acre-feet per year. Use the average annual demand anticipated over a ten-year period.

E. Problem Description

Briefly describe the water system problem(s) that this project is intended to address. Identify the drinking water standard, regulation, or DHS directive violated, or the AB 1747 priority contaminant (see list below), or other emerging contaminant to be addressed. Describe the results of water quality monitoring and how the results compare to drinking water standards, Public Health Goals (PHGs), or action levels. For detected contaminants provide the following information if available: number of samples collected, frequency of sampling, range of detected concentrations, average of detected concentrations (a table may be useful for presenting this information). Describe the problem in sufficient detail to allow reviewers to understand and evaluate the nature of the problem.

AB 1747 Priority Contaminants: Arsenic, Disinfection Byproducts, Uranium, Perchlorate, Chromium 6, and Endocrine Disruptors.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

F. Project Description

Provide a description of the project and how it addresses the problem described in Question E. Describe how the project accomplishes the purpose of this grant program. Describe how the estimated reduction in Colorado River demand was determined. Describe the types of facilities to be included in the project and the approximate number, size, or capacity of proposed facilities, if known. Describe the source(s) to be used if applicable. Describe the current status of the project. Describe how the project will ensure compliance with drinking water standards.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

G. Attachments

You are limited to 4 pages total for attachments for this pre-application, with a maximum of 8 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Project Participants for Regional Projects

Attach a list of participating water systems in regional projects. This may be the same attachment referred to in Part 1, Section G of the pre-application.

Additional detail for problem description

Continue the problem description as necessary for Question E in an attachment.

Additional detail for project description

Continue the project description as necessary for Question F in an attachment.

State Water Project Supplies

Applicants under this grant program proposing projects that reduce demand on State Water Project supplies must attach a description of procedures to execute a continuing transfer of that reduction to another agency such that the long-term demand on Colorado River water will be reduced.

The intent of this grant program is to reduce demand on the Colorado River. Water agencies in Southern California that are not supplied by Colorado River water would not typically be eligible for funds under this grant program. However, an applicant with rights to the State Water Project (SWP) may propose a project to develop an alternate source of water, thereby reducing the applicant's need for SWP water. If the applicant is willing to transfer the rights for SWP water to another SWP contractor that uses Colorado River water, and can demonstrate that this would have a net effect of reducing demand on Colorado River, then the project may be eligible for funding under this grant program.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 6b: Demonstration Projects and Studies for Contaminant Removal

These funds may be used by public water systems and public entities for contaminant treatment or removal technology pilot and demonstration studies for the following categories of contaminants:

- Petroleum products, such as MTBE (methyl-tert-butyl ether) and BTEX (benzene, toluene, ethyl benzene, xylene)
- N-Nitrosodimethylamine (NDMA)
- Perchlorate
- Radionuclides, such as radon, uranium, and radium
- Pesticides and herbicides
- Heavy metals, such as arsenic, mercury, and chromium
- Pharmaceuticals and endocrine disrupters

Eligible projects must address an existing problem in California. The applicant is responsible for continuing costs of operation and maintenance of demonstration facilities after the project is complete. After the adoption of the Project Priority List, potentially fundable applicants will be required to submit additional information as specified by the Department.

All submitted pre-applications are public information. Any information intended to be submitted in confidence should be clearly marked “Confidential”

No more than 30% of the funds within this program will be awarded to address a single contaminant category.

Projects dealing with MTBE or other oxygenates will be referred to the Drinking Water Treatment and Research Fund (DWTRF) to the extent that research funds are available from that program. For more information on the DWTRF visit the DHS website

(<http://www.dhs.ca.gov/ps/ddwem/DWTRF/index.htm>).

Maximum Grant: \$5 million

Minimum Grant: \$50,000

The pre-application package for this grant program must not exceed 10 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 10 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

*Note: For Grant Program 6b **only**, public entities that are not public water systems must contact DHS to obtain an applicant identification number to be used in this field. These entities must contact Karen Verdina at KVerdina@dhs.ca.gov or 916-449-5156.*

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

2. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

3. Anticipated Source of Matching Funds

Identify the anticipated sources and amount of matching funds on the Proposed Project Budget form (Attachment C). Refer to the Attachments section for more information.

D. Type of Study

Indicate the type of study proposed. For purposes of this program, the types of studies are defined as follows:

Demonstration Project: A treatment technology test, where the treatment facility is of sufficient capacity to be used as a permanent facility.

Pilot Study: An experiment or set of observations undertaken to decide how and whether to design and build a full-scale project.

Demonstration projects should have been preceded by a pilot study or bench scale study. List previous studies related to this project in the project description.

E. Problem Description

Describe the problem to be addressed by the project. What is the primary contaminant or contaminant category to be addressed by the project? Which drinking water sources for this water system are impacted? At what levels does the contaminant(s) occur in the source(s)? For detected contaminants provide the following information if available: number of samples collected, frequency of sampling, range of detected concentrations, average of detected concentrations (a table may be useful for presenting this information). How do these values compare to drinking water standards, Public Health Goals (PHGs), or action levels? What is the production volume of the source(s)? If known, also address the following questions: What is the estimated number of drinking water sources impacted by the contaminant(s) in the state? What is the estimated population in the state impacted by contaminated sources? Describe the problem in sufficient detail to allow reviewers to understand and evaluate the nature of the problem.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

F. Project Description

Provide a description of the proposed project or study and how it addresses the problem described in Question E. Describe the current status of the project. Explain how this treatment technology is new or used in a different way from previously approved technology for this contaminant. Describe how the

project will ensure compliance with drinking water standards. The description must include the following project elements, or describe how these elements will be addressed during the study, to the extent they are relevant to the proposed project.

- Qualifications of the applicant and project proponents to undertake the project.
- Proposed treatment methods
- Critical or controlling design and operational details
- Data collection and study protocol
- How the study will address ongoing operation and maintenance issues
- How the project involves a public purpose of statewide interest and concern
- Peer review component of the project (applicant must establish a technical advisory committee to review procedures, progress, and final report)
- Plan for public dissemination of the project results (must include submission of report a report to DHS)
- How the study will address affordability and level of operational expertise required
- How the study will address handling and disposal of residuals
- Preparation of an operation and maintenance manual for demonstration projects
- List of previous studies relevant to this project

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

G. Attachments

You are limited to **6** pages total for attachments for this pre-application, with a maximum of 10 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Additional detail for problem description

Continue the problem description as necessary for Question E in an attachment.

Additional detail for project description

Continue the project description as necessary for Question F in an attachment.

H. Intellectual Property

Indicate that the applicant understands that all intellectual property developed pursuant to this grant program, including but not limited to copyrights, patents, and licenses, shall be the property of the State of California and shall remain in the public domain.

PRE-APPLICATION PART 2 INSTRUCTIONS

CHAPTER 6c: Ultraviolet (UV) and Ozone Disinfection

These funds may be used by public water systems for drinking water disinfection projects using ultraviolet (UV) or ozone disinfection. Projects must address a maximum contaminant level (MCL) compliance violation, surface water treatment microbial requirements, or other mandatory disinfection required by DHS or local primary agency county.

Maximum Grant: \$2 million

Minimum Grant: \$50,000

The pre-application package for this grant program must not exceed 8 pages total, including Part 1, Part 2, and attachments (described below).

- **You do not need to use all 8 pages.**
- **Any pages beyond the limit will not be reviewed.**
- **Do not attach a cover sheet or cover letter.**
- **Do not attach maps or drawings unless they are included in the page limit.**
- **All forms are to be completed in at least a 10-point font, on 8 ½ x 11 paper, with ½ inch margins all around.**
- **Electronic submittals are preferred (refer to submittal requirements).**

A. Project Title

Repeat the project title from Part 1 of the pre-application.

B. Applicant Water System

Repeat the DHS public water system identification number, the DHS public water system name, and the legal name of applicant from the Part 1 of the pre-application.

C. Funding

1. Prop 50 Grant Funds Requested

Enter the amount of Prop 50 grant funds requested for this project. Note the maximum and minimum grant amounts for each grant program.

2. Amount of Matching Funds to be Provided

Enter the amount of matching funds to be provided by the applicant or others for this project. A 1:1 match of non-state funds is required for all grant awards, with the following exceptions: no match is required for grants to disadvantaged communities; no match is required for small water systems; matching funds for public water systems owned by state agencies may include state funds and services. Matching funds may include local sources (user fees, local taxes), federal sources (loan, grants), in-kind services, etc.

3. Anticipated Source of Matching Funds

On the Proposed Project Budget form (Attachment C) identify the anticipated sources and amount of matching funds. Refer to the Attachments section for more information.

D. Problem Description

Briefly describe the water system disinfection problem(s) that this project is intended to address. Identify the Maximum Contaminant Level (MCL) exceeded, the Total Coliform Rule (TCR) violation, the surface water treatment microbial violation, or other mandatory disinfection required by DHS or

local regulatory agency. Indicate if the water system has completed and submitted a disinfection profile to benchmark current performance. Describe the results of the disinfection profile. Describe the problem in sufficient detail to allow reviewers to understand and evaluate the nature of the problem. Your description may include information from an inspection report, compliance order, permit, engineering report, or study.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

E. Project Description

Provide a description of the project and how it addresses the problem described in Question D. Describe the types of facilities to be included in the project and the approximate number, size, or capacity of proposed facilities, if known. Describe the current status of the project. Describe how the project will ensure compliance with drinking water standards. Describe the ability and resources of the applicant to operate and maintain the treatment facilities. If the project is for ozone treatment, describe the procedures that will be used to minimize residual disinfection byproduct formation.

Begin the description in the space available on the form. Continue the description as necessary in an attachment (see attachment requirements below). Do not exceed the page limit.

F. Attachments

You are limited to **4** pages total for attachments for this pre-application, with a maximum of 8 pages as stated for the entire pre-application. Attach the following information as necessary.

Proposed Project Budget (REQUIRED)

If you are submitting electronically, the budget format is part of the submittal and no separate submittal of the budget is required.

Additional detail for problem description

Continue the problem description as necessary for Question D in an attachment.

Additional detail for project description

Continue the project description as necessary for Question E in an attachment.

Attachments

ATTACHMENT A:
Summary Table of Prop 50 Grant Programs
Department of Health Services

| DHS Prop 50 Grant Programs | | | | |
|---|---|---|---|---|
| Grant Program | Eligible Applicants | Project Eligibility | Ranking Criteria | Funding Available |
| Chapter 3: Water Security | Public Water Systems | <ol style="list-style-type: none"> These funds may be used for projects designed to prevent damage to water treatment, distribution, and supply facilities, to prevent disruption of drinking water deliveries, and to protect drinking water supplies from intentional contamination. Eligible projects include: monitoring and early warning systems, fencing, protective structures, contamination treatment facilities, emergency interties, and communications systems. Grants cannot be used to supplant funding for the routine responsibilities or for projects previously required by a DHS compliance order, permit condition or regulation. | <ol style="list-style-type: none"> Projects will be ranked by bonus points, then by population benefiting from project. Population for purposes of this grant program includes transient or seasonal populations. One bonus point will be assigned for each emergency intertie. Up to five bonus points can be assigned to projects consisting of emergency interties. Bonus points will only be assigned if the intertie(s) will supply at least 25 percent of the water demand for one of the recipient water systems or at least 10 million gallons per day. Five bonus points will be assigned to projects that benefit at least five other public water systems | <p>Approximate Total = \$47,000,000</p> <p>Minimum Grant = \$50,000 Maximum Grant = \$10,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required for disadvantaged communities or small water systems.</p> |
| Chapter 4a1: Small Community Water System Facilities | Small Community Water Systems (Community system serving ≤1,000 service connections or ≤3,300 population) | <ol style="list-style-type: none"> Grants to small community water systems to upgrade monitoring, treatment, or distribution infrastructure. The water system must be in non-compliance with a safe drinking water standard. | <ol style="list-style-type: none"> The DWSRF categories will be used to rank projects. Within a category, projects will be ranked by water system population, with largest population ranked first. | <p>Approximate Total = \$28,000,000</p> <p>Minimum Grant = \$5,000 Maximum Grant = \$2,000,000</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required.</p> |

| | | | | |
|--|-------------------------|--|---|---|
| Chapter 4a2: Contaminant Treatment and Removal | Public Water Systems | Grants to finance development and demonstration of new treatment and related facilities for water contaminant removal and treatment. | <ol style="list-style-type: none"> 1. The Prop 50/AB 1747 categories will be used to rank projects. 2. Within a category, projects will be ranked according to type of study. <ol style="list-style-type: none"> a. Demonstration projects > pilot studies>bench-scale studies. b. Applied research projects >basic research projects. 3. DHS will use a peer review panel to determine the final priority list. | <p>Approximate Total = \$9,000,000</p> <p>Minimum Grant = \$50,000</p> <p>Maximum Grant = \$2,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required for disadvantaged communities or small water systems.</p> |
| Chapter 4a3: Community Water System Monitoring Facilities | Community Water Systems | <ol style="list-style-type: none"> 1. Grants for community water system water quality monitoring facilities and equipment. 2. The water system must be in non-compliance with a safe drinking water standard. | <ol style="list-style-type: none"> 1. The Prop 50/AB 1747 categories will be used to rank projects. 2. Within a category, projects will be ranked by water system population, with largest population ranked first. | <p>Approximate Total = \$9,000,000</p> <p>Minimum Grant = \$5,000</p> <p>Maximum Grant = \$2,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required for disadvantaged communities or small water systems.</p> |
| Chapter 4a4: Drinking Water Source Protection | Public Water Systems | <ol style="list-style-type: none"> 1. Grants for source water protection (SWP) projects to prevent contamination of the water supply. 2. For projects that prevent a Possible Contaminating Activity (PCA) from releasing contaminants, or to prevent contaminants that have been released from reaching the water supply. 3. Funds may be used for planning, preliminary engineering, detailed design, construction, education, land acquisition, conservation easements, equipment purchase, and implementing the elements of a SWP program. 4. Funds may not be used to clean up contamination, construct new sources, install treatment on existing sources, or to reconstruct or modify existing sources. | <ol style="list-style-type: none"> 1. The SWP ranking categories will be used to rank projects. 2. Within a category, projects will be ranked by bonus points (highest first), then by system type (community water systems > non-transient non-community > transient non-community), then by population with largest population first. 3. Bonus points will be assigned as follows: <ul style="list-style-type: none"> 4 bonus points if the contaminant has been released and is moving toward the drinking water source. 2 bonus points for local SWP task force or work group 2 bonus points for a written source water protection program 1 bonus point for each additional water system participating in the project up to a maximum of 3 point (for water supply used by multiple systems) | <p>Approximate Total = \$11,000,000</p> <p>Minimum Grant = \$50,000</p> <p>Maximum Grant = \$2,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required for disadvantaged communities or small water systems.</p> |

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|--|--|--|---|--|
| Chapter 4a5: Disinfection Byproduct Treatment Facilities | Public Water Systems | <ol style="list-style-type: none"> 1. Grants for treatment facilities necessary to meet disinfection byproduct (DBP) safe drinking water standards. 2. The water system must be in non-compliance with the US EPA Stage 1 DBP MCL or treatment technique. 3. The project must follow all appropriate guidance for pathogen control. 4. If the project is receiving funds under Chapter 6, it is not eligible under this chapter. | <ol style="list-style-type: none"> 1. Projects that address DBP MCL violations will be ranked higher than projects that address DBP treatment technique violations. Projects will then be ranked by theoretical cancer risk as follows. 2. A theoretical cancer risk from regulated DBPs will be used as means of ranking projects. A risk will be calculated, based on the concentrations of regulated DBPs in the water system. 3. Calculate the theoretical cancer risk, based upon the average regulated DBP concentrations and cancer risk coefficients, using the table provided by DHS. 4. Projects with the highest risk will be ranked first. 5. In the event of a tie between projects, the projects will then be ranked by calculated cancer risk times the population served, with the higher values ranked first. | <p>Approximate Total = \$10,000,000</p> <p>Minimum Grant = \$50,000 Maximum Grant = \$2,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required for disadvantaged communities or small water systems.</p> |
| Chapter 4b: Southern California Projects to Reduce Demand on Colorado River | Public Water Systems with service area entirely or partly within Southern California counties: San Diego, Imperial, Riverside, Orange, Los Angeles, San Bernardino, Santa Barbara, or Ventura. | <ol style="list-style-type: none"> 1. Eligible projects must assist grantee in meeting drinking water standards and in meeting the state's commitment to reduce Colorado River water use to 4.4 million acre-feet (MAF) per year. | <ol style="list-style-type: none"> 1. Projects will be assigned points based on three criteria. The points for each criterion will be added together to determine a score for each project. The projects will then be ranked by that score from lowest to highest. Criterion 1 - Projects will be ranked by Prop 50/AB 1747 categories, and by water system population (from highest to lowest) within a category. Criterion 2 - Projects will be ranked by reduction of annual volume of Colorado River water demand. Criterion 3 - Projects will be ranked based on the total project cost per volume of demand reduced. | <p>Approximate Total = \$237,000,000</p> <p>Minimum Grant = \$50,000 Maximum Grant = \$20,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required for disadvantaged communities or small water systems.</p> |

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|--|--|---|--|--|
| Chapter 6b: Contaminant Removal | Public Water Systems and Public Entities | <ol style="list-style-type: none"> Grants for contaminant treatment or removal technology pilot and demonstration studies for the following categories of contaminants: <ol style="list-style-type: none"> Petroleum products, such as MTBE and BTEX NDMA Perchlorate Radionuclides Pesticides and herbicides Heavy metals, such as arsenic, mercury, and chromium Pharmaceuticals and endocrine disrupters The project must address an existing problem in California. | <ol style="list-style-type: none"> Projects will be assigned points in accordance with Table 1. Projects will be ranked based on the number of points assigned to the proposal, with the largest points first. For proposals with the same number of points, demonstration projects will be ranked higher than pilot projects. DHS will use a peer review panel to determine the projects that will be invited for funding. No more than 30% of the funds within this subsection will be awarded to address a single contaminant category. | <p>Approximate Total = \$22,000,000</p> <p>Minimum Grant = \$50,000 Maximum Grant = \$5,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>No match required for disadvantaged communities or small water systems.</p> |
| Chapter 6c: UV and Ozone Disinfection | Public Water Systems | <ol style="list-style-type: none"> Grants for projects using UV or ozone disinfection of drinking water Projects must address an MCL compliance violation, surface water treatment microbial requirements, or other mandatory disinfection required by DHS or local primary agency county. The water system must demonstrate that it can operate and maintain the treatment facilities. Ozone treatment projects shall be designed and operated to minimize residual disinfection byproduct formation from the ozone treatment. | <ol style="list-style-type: none"> UV projects have a higher priority than those projects using ozone. Ozone projects will not be funded until all eligible UV projects have been offered funds. Projects will be ranked in order as follows: <ol style="list-style-type: none"> Projects addressing Total Coliform Rule (TCR) violations caused by fecal contamination OR projects addressing violations of surface water treatment microbial requirements. Projects addressing other types of TCR violations. Projects addressing disinfection byproduct violations that necessitate a change in disinfectant. Projects addressing mandatory disinfection required by DHS or local primary agency county. Within a category, projects will be ranked by population, with the largest population first. | <p>Approximate Total = \$22,000,000</p> <p>Minimum Grant = \$50,000 Maximum Grant = \$5,000,000</p> <p>1-to-1 match of nonstate funds required.</p> <p>25% of funds setaside for disadvantaged communities.</p> <p>No match required for disadvantaged communities or small water systems.</p> |

ATTACHMENT B: DHS Field Offices



State of California DEPARTMENT OF HEALTH SERVICES DRINKING WATER PROGRAM DISTRICT OFFICES

Headquarters Office
1616 Capitol Avenue, MS 7400
PO Box 997413
Sacramento CA 95899-7413
(916) 449-5600



District 01 - Klamath
Tony Wiedemann
415 Knollcrest Drive
Suite 110
Redding CA 96002
(530) 224-4800

District 03 - Mendocino
Bruce Burton
50 D Street, Suite 200
Santa Rosa CA 95404
(707) 576-2145

District 18 - Sonoma
Janice Oakley
50 D Street, Suite 200
Santa Rosa CA 95404
(707) 576-2145

District 04 - San Francisco
Betty Graham
850 Marina Bay Parkway
Bldg. P, Second Floor
Richmond, CA 94804-6403
(510) 620-3474

District 17 - Santa Clara
Eric Lacy
850 Marina Bay Parkway
Bldg. P, Second Floor
Richmond, CA 94804-6403
(510) 620-3474

District 05 - Monterey
Betsy Lichti
1 Lower Ragsdale Dr.
Bldg. 1, Suite 120
Monterey CA 93940
(831) 655-6939

District 06 - Santa Barbara
Vacant
1180 Eugenia Place, Suite 200
Carpinteria CA 93013
(805) 566-1326

District 07 - Hollywood
Joseph Crisologo
1449 W. Temple Street, Room 202
Los Angeles CA 90026
(213) 580-5723

District 16 - Central
Stefan Cajina
1449 W. Temple Street, Room 202
Los Angeles CA 90026
(213) 580-5723

District 15 - Metropolitan
Jeff O'Keefe
1449 W. Temple Street, Room 202
Los Angeles CA 90026
(213) 580-5723

District 02 - Lassen
Michael McNamara
415 Knollcrest Drive
Suite 110
Redding CA 96002
(530) 224-4800

District 21 - Valley
Richard Hinrichs
415 Knollcrest Drive
Suite 110
Redding CA 96002
(530) 224-4800

District 10 - Stockton
Joseph Spano
31 E. Channel Street
Room 270
Stockton CA 95202
(209) 948-7696

Northern California FOB
Bob Hultquist (Sacramento)

Region I - Carl Lischeske (Sacramento)

Region II - Catherine Ma (Berkeley)

Southern California FOB
Cindy Forbes (Fresno)

Region III - Richard Haberman (Fresno)

Region IV - Kurt Souza (Carpinteria)

Region V - Heather Collins (San Bernardino)

District 09 - Sacramento

Terry Macaulay
1616 Capitol Ave, MS 7407
PO Box 997413
Sacramento CA 95899-7413
(916) 449-5600

District 11 - Merced
Carl Carlucci
1040 E. Herndon Ave
Suite 205
Fresno CA 93720
(559) 447-3300

District 12 - Visalia
Jim Stites
1040 E. Herndon Ave
Suite 205
Fresno CA 93720
(559) 447-3300

District 19 - Tehachapi
Jesse Dhaliwal
1200 Discovery Dr, Suite 100
Bakersfield CA 93309
(661) 335-7315

District 13 - San Bernardino
Sean McCarthy
464 W. 4th Street, Room 437
San Bernardino CA 92401
(909) 383-4328

District 08 - Santa Ana
Shu-Fang Orr
28 Civic Center Plaza
Room 325
Santa Ana CA 92701
(714) 558-4410

District 14 - San Diego
Brian Bernados
1350 Front Street
Room 2050
San Diego CA 92101
(619) 525-4159

District 20 - Riverside
Steve Williams
1350 Front Street, Room 2050
San Diego CA 92101
(619) 525-4159

ATTACHMENT C:

Prop 50 Proposed Project Budget

(Note: This budget is included in the electronic submittal form. No separate attachment is required.)

California Department of Health Services

Division of Drinking Water and Environmental Management

| Budget Category | Total \$ | Matching Funds | | Prop 50 \$ |
|---|----------|----------------|---------------------------------------|------------|
| | | Applicant \$ | Other loans, grants, or other funding | |
| A. Preliminary Costs (Planning, design, engineering, environmental documentation, permits, project administration) | | | | |
| B. Construction Costs | | | | |
| C. Study Costs (for Grant Programs 4a.2 and 6b) | | | | |
| D. Other Costs Description: | | | | |
| Total Funding Requirements | | | | |

Sources of Matching Funds

(not required for Disadvantaged Communities or Small Water Systems)

| Fund Source | Type of Funds (grants, loans, in-kind services, user fees, etc.) | Amount |
|--------------------------------|---|--------|
| | | |
| | | |
| | | |
| | | |
| | | |
| Total Funding From All Sources | | |